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## The Journal of Experimental Medicine

EDITED BY

SIMON FLEXNER, M.D.

PEYTON ROUS, M.D.

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Remittances should be made by draft or check on New York, or by postal money order, payable to *The Journal of Experimental Medicine*, Mount Royal and Guilford Avenues, Baltimore, Md., or Avenue A and 66th Street, New York, N. Y.

THE JOURNAL  
OF  
EXPERIMENTAL MEDICINE

EDITED BY

SIMON FLEXNER, M.D.

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INDEX  
AUTHORS AND SUBJECTS  
VOLUMES XXI-XL  
1915-1924

NEW YORK  
THE ROCKEFELLER INSTITUTE FOR MEDICAL RESEARCH  
1926

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WAVERLY PRESS  
THE WILLIAMS & WILKINS COMPANY  
BALTIMORE, U. S. A.

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Source, in milk (SMITH, OR-  
CUTT, and LITTLE)

1923, xxxvii, 153

Specific, absorption from ho-  
mologous serum fed during

**Agglutinin—continued.**

early hours of life (SMITH  
and LITTLE)

1923, xxxvii, 671

Specificity (LANDSTEINER and  
VAN DER SCHEER)

1924, xl, 91

*Streptococcus scarlatinae*, absorp-  
tion (STEVENS and DOCHEZ)

1924, xl, 253

**Agglutigen:**

Blood, after transfusion (ROUS  
and ROBERTSON)

1918, xxvii, 509

**Air:**

Peroxide production by ana-  
erobic cultures of pneumo-  
coccus on exposure to  
(AVERY and NEILL)

1924, xxxix, 347

Valve to regulate delivery of  
ether vapor and (GATES)

1917, xxvi, 41

**Akamushi:**

*Leptotrombidium* (NAGAYO,  
MIYAGAWA, MITAMURA, and  
IMAMURA)

1917, xxv, 255

*Trombidium* (NAGAYO, MIYA-  
GAWA, MITAMURA, and IMA-  
MURA)

1917, xxv, 255

**Albumin:**

Blood, after ingestion of blood  
serum (HOWE)

1924, xxxix, 313

—, — — of colostrum (HOWE)

1924, xxxix, 313

Egg, in medium of tissue cul-  
tures causing granules in  
chick embryo cells (LEWIS)

1921, xxxiii, 485

-globulin ratio in intoxications  
and infections (HURWITZ and  
WHIPPLE)

1917, xxv, 231

Urine, after ingestion of blood  
serum (HOWE)

1924, xxxix, 313

**Albumin—continued.**

Urine, after ingestion of colos-  
trum (HOWE)

1924, xxxix, 313

**Alcohol:**

Bacteria, inspired, in lungs  
after alcoholization (STILL-  
MAN)

1924, xl, 353

Liver lesions, influence of diet  
(OPIE and ALFORD)

1915, xxi, 1

Tissue, reproductive, effect on,  
of (ARLITT and WELLS)

1917, xxvi, 769

**Alkali:**

Kidney, naturally nephro-  
pathic, protected against an-  
esthetic by (MACNIDER)

1918, xxviii, 517

**Alkyl halide(s):**

Intoxication, relation to halo-  
gen acids formed by chemical  
dissociation (GRAHAM)

1915, xxii, 48

**Allergy:**

Irritability (LEWIS and  
LOOMIS)

1924, xl, 503

**Alopecia:**

Röntgen radiation used to  
produce persistent (CLARK  
and STURM)

1924, xl, 517

**Alveolus:**

Pores in pneumonia (MILLER)

1923, xxxviii, 707

**Amboceptor:**

Hemolytic, anti-sheep, in nor-  
mal guinea pig (LEWIS and  
LOOMIS)

1924, xl, 503

—, —, — tuberculous guinea  
pig (LEWIS and LOOMIS)

1924, xl, 503

**Ameba:**

Dysentery, encystment *in vitro*  
(YOSHIDA)

1918, xxviii, 387

Leucocytes, ameboid move-  
ment, method for fixing hu-

*Ameba—continued.*

man blood cells during (VAN HERWERDEN)

1920, xxxii, 135

Tetragenus, non-pathogenic.

I (SHIMURA)

1918, xxviii, 415

Thrombocytes, ameboid movement, method for fixing human blood cells during (VAN HERWERDEN)

1920, xxxii, 135

*α-Amino acid(s):*

Toxicity (BURROWS and NEY-MANN)

1917, xxv, 93

*Amitosis:*

Leucemia, subacute myeloblastic, amitotic cell division in peripheral blood (SABIN, AUSTRIAN, CUNNINGHAM, and DOAN)

1924, xl, 845

*Amylase:*

(AVERY and CULLEN)

1920, xxxii, 583

*Amyl nitrite:*

Digitalized heart, effect on, of (HALSEY)

1917, xxv, 729

*Amyloid disease:*

*See* Disease.

*Anaerobe:*

Cultivation in collodion sacs (GATES)

1922, xxxv, 635

—, media, survival of typhus virus (OLITSKY)

1922, xxxv, 115

— of nasopharyngeal secretions from influenza (OLITSKY and GATES)

1921, xxxiii, 713

—, pure, by single cell method (BARBER)

1920, xxxii, 295

Growth, effect of plant tissue (AVERY and MORGAN)

1924, xxxix, 289

*Anaerobe—continued.*

Jar (BROWN)

1921, xxxiii, 677

— (BROWN)

1922, xxxv, 467

Methods (SMILLIE)

1917, xxvi, 59

Pathogenic (STODDARD)

1919, xxix, 187

Pneumococcus cultures, enzyme activity of sterile filtrates (NEILL and AVERY)

1924, xl, 423

— —, production of peroxide on exposure to air (AVERY and NEILL)

1924, xxxix, 347

Treponema, cultivation on surface of blood agar plates (GATES)

1923, xxxvii, 311

*Anaerobiosis:*

(GATES and OLITSKY)

1921, xxxiii, 51

*Analgesia:*

War gas (AUER)

1922, xxxv, 97

*Anaphylatoxin:*

(BRONFENBRENNER)

1915, xxi, 480

*Anaphylaxis:*

Azoprotein (LANDSTEINER)

1924, xxxix, 631

Bacterial (ZINSSER and PARKER)

1917, xxvi, 411

Blood pressure, low, of anaphylactic shock (SIMONDS)

1918, xxvii, 539

Epinephrine content of suprarenal glands (SMITH and RAVITZ)

1920, xxxii, 595

Insusceptibility (LONGCOPE)

1922, xxxvi, 627

Protein intoxication, chronic, relation (LONGCOPE)

1915, xxi, 793

**Anaphylaxis—continued.**

Shock, mechanism (JOBLING,  
PETERSEN, and EGGSTEIN)  
1915, xxii, 401

**Anatomy:**

Hemoglobin excretion by kid-  
ney, anatomical study  
(FUKUDA and OLIVER)

1923, xxxvii, 83

Pancreas and diabetes, gross  
anatomic relations (ALLEN)

1920, xxxi, 363

Rickets, anatomical changes  
accompanying healing under  
influence of cod liver oil  
(PAPPENHEIMER)

1922, xxxvi, 335

Roentgen rays, unit dose, an-  
atomical changes after  
(WARREN and WHIPPLE)

1922, xxxv, 203

**Anemia:**

Aplastic, of benzene poisoning,  
coagulation (HURWITZ and  
DRINKER)

1915, xxi, 401

—, — — —, origin of pro-  
thrombin (HURWITZ and  
DRINKER)

1915, xxi, 401

Blood destruction (ROBERTSON  
and ROUS)

1917, xxv, 665

Carbon dioxide of arterial blood  
(HARROP)

1919, xxx, 241

— — — venous blood (HAR-  
ROP)

1919, xxx, 241

Iron distribution in liver. I

(DUBIN and PEARCE)

1917, xxv, 675

— — — —. II (DUBIN and  
PEARCE)

1918, xxvii, 479

— — — spleen. I (DUBIN  
and PEARCE)

1917, xxv, 675

— — — —. II (DUBIN and  
PEARCE)

1918, xxvii, 479

**Anemia—continued.**

Iron elimination. I (DUBIN  
and PEARCE)

1917, xxv, 675

— —. II (DUBIN and  
PEARCE)

1918, xxvii, 479

Malaria, æstivo-autumnal,  
caused by migration of para-  
sites (LAWSON)

1919, xxix, 361

Marrow, red, spread (Mc-  
MASTER and HAESSLER)

1921, xxxiv, 579

Oxygen of arterial blood (HAR-  
ROP)

1919, xxx, 241

— — venous blood (LUNDS-  
GAARD)

1919, xxx, 147

— — — — (HARROP)

1919, xxx, 241

Pernicious, blood destruction  
(ASHBY)

1921, xxxiv, 147

—, diagnosed by hemosiderin  
granules in urine (ROUS)

1918, xxviii, 645

—, hemosiderosis (McMASTER,  
ROUS, and LARIMORE)

1922, xxxv, 521

Splenectomy, influence of diet  
(PEARCE, AUSTIN, and  
PEPPER)

1915, xxii, 682

Urobilin elimination (DUBIN)

1918, xxviii, 313

**Anesthesia:**

Ether, influence on epinephrine  
pressor effect (ROUS and  
WILSON)

1919, xxix, 173

Magnesium sulphate (AUER  
and MELTZER)

1916, xxiii, 641

Serum therapy of botulism,  
effect on, of (BRONFENBREN-  
NER and WEISS)

1924, xxxix, 517

**Anesthesia—continued.**

Sodium carbonate (MACNIDER)

1916, xxiii, 171

**Anesthetic:**

Kidney, naturally nephropathic, functional capacity (MACNIDER)

1918, xxviii, 501

—, —, protected by alkali against (MACNIDER)

1918, xxviii, 517

Liver function, influence on, of (WHIPPLE and SPEED)

1915, xxi, 203

**Aneurysm:**

Subclavian, collateral circulation after ligation of innominate artery (STEWART)

1915, xxii, 694

**Anhydremia:**

Intestinal obstruction (INGVALDSEN, WHIPPLE, BAUMAN, and SMITH)

1924, xxxix, 117

**Anopheles:**

*ludlowi*, malaria inoculation (DARLING)

1920, xxxii, 313

Malaria parasites in (KING)

1916, xxiii, 703

**Anoxemia:**

Pneumonia, treatment in oxygen chamber (STADIE)

1922, xxxv, 337

**Antiblastic:**

Immunity (DOCHEZ and AVERY)

1916, xxiii, 61

— (BLAKE)

1917, xxvi, 563

Phenomena, in active acquired immunity to pneumococcus (BARBER)

1919, xxx, 589

—, — natural immunity to pneumococcus (BARBER)

1919, xxx, 589

**Antibody:**

Antigen, circulating, relation of antibody to rate of disappearance of (MACKENZIE)

1923, xxxvii, 491

—, free, and, circulating together in large amounts (ROUS and ROBERTSON)

1918, xxvii, 509

*Bacillus typhosus*, influence of, on (BULL)

1916, xxiii, 419

Blood, after recovery from epidemic influenza (OLITSKY and GATES)

1923, xxxvii, 303

Circulating relation to serum disease (LONGCOPE and RACKEMANN)

1918, xxvii, 341

Coexistence of single free antigen and, in serum (BAYNE-JONES)

1917, xxv, 837

Heterogenetic, production with mixtures of binding part of antigen and protein (LANDSTEINER and SIMMS)

1923, xxxviii, 127

Hypophysis, relation to antibody production (CUTLER)

1922, xxxv, 243

Production after partial adrenalectomy (GATES)

1918, xxvii, 725

— by intratracheal method (JONES)

1923, xxxvii, 789

Respiratory tract, permeability for (JONES)

1924, xl, 73

Serum disease susceptibility, relation of antigen and (MACKENZIE and LEAKE)

1921, xxxiii, 601

—, relation to time-drop (DU NOÛY)

1923, xxxvii, 659

**Antibody—continued.**

*Spirochæta pallida* (ZINSSER and HOPKINS)

1915, xxi, 576

Spirochæticidal, against *Treponema pallidum* (ZINSSER and HOPKINS)

1916, xxiii, 323

Transfusion (ROBERTSON and ROUS)

1922, xxxv, 141

**Antidysenteric serum:**

See Serum, dysentery.

**Antienzyme:**

Pneumonic lung (LORD and NYE)

1921, xxxiv, 201

**Antiferment:**

Pneumonic lung, ferment-antiferment balance (LORD and NYE)

1921, xxxiv, 201

Serum, and ferments after feeding (JOBLING, PETERSEN, and EGGSTEIN)

1915, xxii, 129

—, — — during pneumonia (JOBLING, PETERSEN, and EGGSTEIN)

1915, xxii, 568

—, — — during trypsin shock (JOBLING, PETERSEN, and EGGSTEIN)

1915, xxii, 141

—, — —, effect of killed bacteria (JOBLING, PETERSEN, and EGGSTEIN)

1915, xxii, 603

—, — —, effect of protein split products (JOBLING, PETERSEN, and EGGSTEIN)

1915, xxii, 597

**Antigen:**

Antibody and free, circulating together in large amounts (ROUS and ROBERTSON)

1918, xxvii, 509

Antiserum, specific, for known (ROUS, ROBERTSON, and OLIVER)

1919, xxix, 283

**Antigen—continued.**

Cholesterolized, for Wassermann reaction (LEWIS and NEWCOMER)

1919, xxix, 351

Circulating, relation of antibody to rate of disappearance (MACKENZIE)

1923, xxxvii, 491

Fibroblasts *in vitro*, action on, of. I (FISCHER)

1922, xxxv, 661

— — —, action on, of. II (FISCHER)

1922, xxxvi, 535

Hemoglobin antigenic properties (HEIDELBERGER and LANDSTEINER)

1923, xxxviii, 561

Heterogenetic antibodies produced with mixtures of binding part of antigen and protein (LANDSTEINER and SIMMS)

1923, xxxviii, 127

Immunization, influence on fate of (OPIE)

1924, xxxix, 659

Pneumococcus (PERLZWEIG and STEFFEN)

1923, xxxviii, 163

Pneumonic lung, specific (LORD and NYE)

1921, xxxiv, 207

Purification and concentration for complement fixation by dialysis, adsorption, and extraction (WADSWORTH and MALTANER)

1921, xxxiii, 119

Residue, from non-hemolytic streptococci, complement fixation (HITCHCOCK)

1924, xl, 575

—, — — —, precipitation (HITCHCOCK)

1924, xl, 575

—, — yeast (MUELLER and TOMCSIK)

1924, xl, 343

**Antigen—continued.**

Serum disease susceptibility,  
relation of antibody and  
(MACKENZIE and LEAKE)

1921, xxxiii, 601

Single free, coexistence with  
antibody in serum (BAYNE-  
JONES) 1917, xxv, 837

*Streptococcus hæmolyticus* from  
scarlet fever, antigenic rela-  
tions between strains (BLISS)

1922, xxxvi, 575

— — strains, antigenic rela-  
tionships (DOCHEZ, AVERY,  
and LANCEFIELD)

1919, xxx, 179

**Anti-icteroides:**

Serum. *See* Serum.

**Antimeningitic serum:**

*See* Serum, meningitis.

**Antimony:**

Tartrate of antimony and po-  
tassium, mechanism of  
vomiting induced by (WEISS  
and HATCHER)

1923, xxxvii, 97

**Antipneumococcic serum:**

*See* Serum.

**Antipneumococcus:**

Immune bodies, neutralization  
by infected exudates and  
sera (COLE)

1917, xxvi, 453

**Antipoliomyelitic serum:**

*See* Serum, poliomyelitis.

**Antiseptic:**

*Bacillus welchii* toxin, action of  
antiseptics on (TAYLOR and  
AUSTIN)

1918, xxvii, 375

Chlorinated, action on blood  
clot (TAYLOR and STEBBINS)

1919, xxix, 125

Chlorine, irritant properties  
(CULLEN and TAYLOR)

1918, xxviii, 681

Necrotic tissue dissolved by  
(TAYLOR and AUSTIN)

1918, xxvii, 155

**Antiseptic—continued.**

Organic compounds, antiseptic  
properties (KLIGLER)

1918, xxvii, 463

Resistance of bacteria and  
human tissue cells to (LAM-  
BERT) 1916, xxiv, 683

Toxicity (TAYLOR and AUSTIN)

1918, xxvii, 635

**Antiserum: (*See also* Serum.)**

Specific, for infections of un-  
known cause. I (ROUS,  
ROBERTSON, and OLIVER)

1919, xxix, 283

—, — — of unknown cause.

II (ROUS, ROBERTSON, and  
OLIVER)

1919, xxix, 305

—, — — of unknown cause.

III (ROUS, WILSON, and  
OLIVER)

1920, xxxi, 253

—, — — of unknown cause.

IV (WILSON and OLIVER)

1920, xxxii, 183

**Antithrombin:**

Blood, test (HESS)

1915, xxi, 338

**Antitoxin:**

*Bacillus dysenteriae* (OLITSKY  
and KLIGLER)

1920, xxxi, 19

— *welchii* (BULL and PRITCH-  
ETT) 1917, xxvi, 119

— — (BULL)

1917, xxvi, 603

Tetanus, in blood, relation of  
tetanus bacilli in digestive  
tract (TENBROECK and  
BAUER)

1923, xxxvii, 479

**Aorta: (*See also* Artery.)**

Abdominal, operations (GOOD-  
MAN) 1918, xxvii, 569

Occlusion (REID)

1916, xxiv, 287

—, partial, with silk sutures  
(REID) 1924, xl, 293

Pulmonary, changes in wall



**Aorta—continued.**

due to partial occlusion with  
metallic band (REID)

1924, xl, 289

—, partial occlusion with  
metallic band (REID)

1924, xl, 289

**Aortitis:**

Syphilitic, pathological study  
of (LARKIN and LEVY)

1916, xxiii, 25

**Arachnid:**

*Rickettsia* in tissues (COWDRY)

1923, xxxvii, 431

**Arsenic:**

Kidney (PEARCE and BROWN)

1915, xxii, 517

—, histology (PEARCE and  
BROWN)

1915, xxii, 525

**Arsenical:**

Adrenal, pathological action  
on, of (BROWN and PEARCE)

1915, xxii, 535

Kidney injury from (PEARCE  
and BROWN)

1916, xxiii, 443

**Arsenic compounds:**

Blackhead in turkey treated  
with (TYZZER)

1923, xxxvii, 851

Chemopathology. I (PEARCE  
and BROWN)

1915, xxii, 517

—, II (PEARCE and BROWN)

1915, xxii, 525

—, III (BROWN and PEARCE)

1915, xxii, 535

—, IV (PEARCE and BROWN)

1916, xxiii, 443

Drug-fastness of spirochetes  
(AKATSU and NOGUCHI)

1917, xxv, 349

Resistance of spirochetes  
(AKATSU)

1917, xxv, 363

Sarcoma, Rous, effect on, of  
(FUNK)

1915, xxi, 574

**Arsphenamine:**

Syphilis cured with (CHESNEY  
and KEMP)

1924, xxxix, 553

—, superinfection following  
subcurative doses (BROWN  
and PEARCE)

1921, xxxiii, 553

**Arteriosclerosis:**

Production by diphtheria toxin  
(BAILEY)

1917, xxv, 109

**Artery: (See also Aorta.)**

Blood, arterial, carbon dioxide,  
in anemia (HARROP)

1919, xxx, 241

—, —, —, in heart disease  
(HARROP)

1919, xxx, 241

—, —, —, in normal in-  
dividuals (HARROP)

1919, xxx, 241

—, —, oxygen, in anemia  
(HARROP)

1919, xxx, 241

—, —, —, in heart disease  
(HARROP)

1919, xxx, 241

—, —, —, in normal in-  
dividuals (HARROP)

1919, xxx, 241

—, —, —, in pneumonia  
(STADIE)

1919, xxx, 215

—, —, —, relation to cyanosis  
(STADIE)

1919, xxx, 215

Dilation, distal to occluding  
band (HALSTED)

1916, xxiv, 271

Innominate, collateral circula-  
tion after ligation for sub-  
clavian aneurysm (STEWART)

1915, xxii, 694

Pulmonary, changes in wall  
due to partial occlusion with  
metallic band (REID)

1924, xl, 289

**Artery—continued.**

Pulmonary, method for measuring pressure (SWIFT, HAGGART, and DRINKER)

1922, xxxvi, 329

—, partial occlusion with metallic band (REID)

1924, xl, 289

Subclavian, dilation, in cervical rib (HALSTED)

1916, xxiv, 271

Wall, changes after partial occlusion of aorta (REID)

1916, xxiv, 287

—, effect of ligatures (REID)

1924, xl, 293

**Arthritis:**

(FABER) 1915, xxii, 615

Joint exudates, hydrogen ion concentration (BOOTS and CULLEN)

1922, xxxvi, 405

Pathogenesis, in rheumatic fever (FABER)

1915, xxii, 615

Streptococcus, non-hemolytic, influence of sodium salicylate (SWIFT and BOOTS)

1923, xxxvii, 553

**Asepsis:**

Wound, aseptic, in omentum, endothelium in healing

(Foot) 1921, xxxiv, 625

—, bacteriological (VINCENT)

1917, xxvi, 83

**Aspiration:**

Blood, syringe (BROWN)

1918, xxviii, 623

**Asthma:**

Syndrome, associated with emphysema (HARRIS and CHILLINGWORTH)

1919, xxx, 75

**Atheroma:**

Cholesterol feeding producing (BAILEY)

1916, xxiii, 69

**Atherosclerosis:**

Experimental (ADLER)

1917, xxvi, 581

**Atmosphere:**

Oxygen-rich, pathological effects (KARSNER)

1916, xxiii, 149

**Atoxyl:**

Transformed, after incubation in blood (TERRY)

1915, xxi, 258

Trypanosomes, influence of serum with (TERRY)

1915, xxi, 250

**Atrophy:**

Liver, conditional on compensation (ROUS and LARIMORE)

1920, xxxi, 609

**Atropine:**

Digitalized heart, effect on, of (HALSEY)

1917, xxv, 729

Respiration, action on, of (SCHMIDT and HARER)

1923, xxxvii, 69

**Aureus:**

*Staphylococcus*, exotoxin (PARKER)

1924, xl, 761

**Auricle:**

Fibrillation (ROBINSON)

1916, xxiv, 605

— (NILES and WIGGERS)

1917, xxv, 1

— (WIGGERS and NILES)

1917, xxv, 21

—, blood pressure studied by Gaertner's method (COHN and LUNDGAARD)

1918, xxvii, 487

—, influence of vagus (ROBINSON)

1916, xxiv, 605

—, peripheral blood pressure (COHN and LUNDGAARD)

1918, xxvii, 505

**Autoagglutination:** (*See also* Agglutination.)

Bacteria, autoagglutinable,  
stable suspensions. (DE  
KRUIF and NORTHPROP)  
1923, xxxvii, 647

**Autodigestion:**

Serum, normal, through action  
of chemical agents. I  
(YAMAKAWA)

1918, xxvii, 689

—, —, — action of chemical  
agents. II (YAMAKAWA)

1918, xxvii, 711

**Autohemagglutination:**

Blood, repeated withdrawal  
causing (ROBERTSON and  
Rous) 1918, xxvii, 563

**Autoinoculation:**

Local, of sensitized organism  
with foreign protein, as cause  
of abnormal reactions  
(AUER)

1920, xxxii, 427

**Autolysis:**

Tissue, after lethal x-rays  
(WARREN and WHIPPLE)

1922, xxxv, 213

**Autonomic:**

Nervous system. *See* Nervous  
system.

**Autoplastic:**

Transplantation of thyroid  
tissue, comparison with  
homeoplastic transplanta-  
tion (HESSELBERG)

1915, xxi, 164

**Autotransplantation:**

Spleen. III (MARINE and  
MANLEY)

1920, xxxii, 113

**Autumnalis:**

*Leptus* (NAGAYO, MIYAGAWA,  
MITAMURA, and IMAMURA)

1917, xxv, 273

**Azoprotein:**

Anaphylaxis (LANDSTEINER)

1924, xxxix, 631

**B****Bacillus:**

*abortus*, agglutination reaction  
in bovine abortion (SMILLIE,  
LITTLE, and FLORENCE)

1919, xxx, 341

—, carbon dioxide require-  
ments (SMITH)

1924, xl, 219

—, disease (HAGAN)

1922, xxxvi, 697

—, in bovine fetal membranes  
(SMITH)

1919, xxix, 451

—, infection, susceptibility  
(HAGAN)

1922, xxxvi, 727

—, inoculation disease, heat-  
killed cultures for preventing  
(HAGAN)

1922, xxxvi, 711

—, transmission of agglutinins  
in colostrum (LITTLE and  
ORCUTT)

1922, xxxv, 161

*actinoides*, capsules (SMITH)

1921, xxxiv, 593

—, etiological relation to  
bronchopneumonia in calf  
(SMITH)

1921, xxxiii, 441

—, organism from pneumonic  
lung resembling (JONES)

1922, xxxv, 361

—, sheaths (SMITH)

1921, xxxiv, 593

Anaerobe, effect of plant tissue  
on growth (AVERY and  
MORGAN)

1924, xxxix, 289

*botulinus*, action of toxin on  
body. I (DICKSON and  
SHEVKY)

1923, xxxvii, 711

—, — — toxin on body. II  
(DICKSON and SHEVKY)

1923, xxxviii, 327

*Bacillus—continued.*

- bovisepiticus* (JONES)  
 1921, xxxiv, 561  
 —, pneumonia (JONES and LITTLE)  
 1921, xxxiv, 541  
 Cattle abortion, isolation and recovery through guinea pigs (SMILLIE)  
 1918, xxviii, 585  
*cholerae suis*, in man (TENBROECK)  
 1920, xxxii, 33  
*coli*, glomerulonephritis produced with diphtheria toxin and (FABER)  
 1917, xxvi, 153  
 —, injections (BAILEY)  
 1916, xxiii, 773  
*dysenteriae* (DAVISON)  
 1920, xxxii, 651  
 —, antitoxins (OLITSKY and KLIGLER)  
 1920, xxxi, 19  
 —, isolation and differentiation from allied bacilli (KLIGLER)  
 1918, xxviii, 319  
 —, separation of toxins (MC-CARTNEY and OLITSKY)  
 1923, xxxvii, 767  
 —, toxins (OLITSKY and KLIGLER)  
 1920, xxxi, 19  
 —, Twort-d'Hérelle phenomenon (WOLLSTEIN)  
 1921, xxxiv, 467  
 —, vaccination (OLITSKY)  
 1918, xxviii, 69  
*egens* (STODDARD)  
 1919, xxix, 187  
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1921, xxxiii, 627
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1924, xl, 553

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1921, xxxiii, 287

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1920, xxxi, 381

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1923, xxxvii, 139

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1924, xl, 219

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1919, xxx, 241

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1919, xxx, 241

—, —, — heart disease (HAR-  
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1919, xxx, 241

—, —, — normal individuals  
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1919, xxx, 241

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1919, xxix, 321

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1916, xxiii, 631
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1921, xxxiii, 327
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1920, xxxii, 65
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1920, xxxii, 65
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- Wave, diastolic, of venous pulse in auricular fibrillation (WIGGERS and NILES)  
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- Leucotoxic action, after intravenous injections (PAPPENHEIMER and VANCE)  
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- , — —, failures (ALLEN)  
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- — —, — of diet on necrosis. II (OPIE and ALFORD)  
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- — — varying organic constituents (PAPPENHEIMER, McCANN, and ZUCKER)  
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specific bacterial agglutina-  
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*Bacillus influenzae* producing, biological reactions (RIVERS and KOHN)

1921, xxxiv, 477

—, —, serological reactions (RIVERS and KOHN)

1921, xxxiv, 477

Chemical *versus* serum treatment (FLEXNER and AMOSS)

1916, xxiii, 683

**Meningitis—continued.**

Epidemic, mode of infection (AMOSS and EBERSON)

1919, xxix, 605

*Micrococcus florens* causing (DAVISON, DAVISON, and MILLER)

1917, xxvi, 779

Parotitis (WOLLSTEIN)

1921, xxxiv, 537

Pfeiffer's bacillus, immunology (ANDERSON and SCHULTZ)

1921, xxxiii, 653

Serum, rapid preparation (AMOSS and WOLLSTEIN)

1916, xxiii, 403

Vaccination (GATES)

1918, xxviii, 449

**Meningococcus:**

Agglutinin, chronic carrier (GATES)

1918, xxviii, 449

—, passage from blood to spinal fluid (AMOSS and EBERSON)

1919, xxix, 597

Classification (WADSWORTH, GILBERT, and HUTTON)

1921, xxxiii, 99

Cultivation, effect of carbon dioxide (GATES)

1919, xxix, 321

Serum, antimeningococcic, standardization (AMOSS and MARSH)

1918, xxviii, 779

**Meningoencephalitis:**

Protozoan-like parasites, co-existence with (COWDRY and NICHOLSON)

1924, xl, 51

Tuberculous, endothelial response (FOOT)

1922, xxxvi, 607

**Mercuric chloride:**

Intoxication, acute (MAC-NIDER)

1918, xxvii, 519

**Mercuric compounds:**

- Spirochete, drug-fastness *in vitro* (AKATSU and NOGUCHI)  
1917, xxv, 349  
—, resistance (AKATSU)  
1917, xxv, 363

**Mesenchyme:**

- Cell, degenerating, of tissue cultures, giant centrospheres (LEWIS)

1920, xxxi, 275

- Mesothelium and (LEWIS)

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**Mesnili:**

- Chilomastix*, method for culture (BOECK)

1921, xxxiii, 147

**Mesothelium:**

- Mesenchyme and (LEWIS)

1923, xxxviii, 257

**Metabolism:**

- Abscess, sterile (COOKE and WHIPPLE)

1918, xxviii, 223

- Calcium, in disease. I (UNDERHILL, HONEIJ, and BOGERT)

1920, xxxii, 41

- , — —. II (UNDERHILL, HONEIJ, and BOGERT)

1920, xxxii, 65

- , — leprosy (UNDERHILL, HONEIJ, and BOGERT)

1920, xxxii, 41

- , — multiple cartilaginous exostosis (UNDERHILL, HONEIJ, and BOGERT)

1920, xxxii, 65

- Cell, *in vitro*. I (BURROWS and NEYMANN)

1917, xxv, 93

- Duodenal obstruction and isolated loops of intestine, metabolism with (WHIPPLE, COOKE, and STEARNS)

1917, xxv, 479

- Fasting dogs, metabolism, after proteose injections (WHIPPLE and COOKE)

1917, xxv, 461

**Metabolism—continued.**

- Fat, in nephritis (HILLER, LINDER, LUNDSGAARD, and VAN SLYKE)

1924, xxxix, 931

- Magnesium, in disease. I (UNDERHILL, HONEIJ, and BOGERT)

1920, xxxii, 41

- , — —. II (UNDERHILL, HONEIJ, and BOGERT)

1920, xxxii, 65

- , — leprosy (UNDERHILL, HONEIJ, and BOGERT)

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- , — multiple cartilaginous exostosis (UNDERHILL, HONEIJ, and BOGERT)

1920, xxxii, 65

- Nitrogen, after transplantation of a ureter into the duodenum (GOTO)

1918, xxvii, 449

- Pancreatitis (COOKE and WHIPPLE)

1918, xxviii, 223

- Pleuritis (COOKE and WHIPPLE)

1918, xxviii, 223

- Spleen, metabolism after removal (GOLDSCHMIDT and PEARCE)

1915, xxii, 319

- , — before removal (GOLDSCHMIDT and PEARCE)

1915, xxii, 319

- Sugar, heart and pancreas. I (CLARK)

1916, xxiv, 621

- , — — —. II (CLARK)

1917, xxvi, 721

**Metamorphosis:**

- Blood platelets, viscous metamorphosis (WRIGHT and MINOT)

1917, xxvi, 395

- Larval frog, blood cell formation and distribution in relation to thyroid-accelerated (JORDAN and SPEIDEL)

1923, xxxviii, 529

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Thyroid-induced, in frog larva,  
coincident with regeneration,  
influence on leucocytes (JORDAN and SPEIDEL)  
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**Metaphysis:**

Bones, long, changes following  
injection of tubercle bacilli  
(OLIVER)  
1920, xxxii, 153

**Metastasis:**

Tumor, malignant. Pt. 1  
(PEARCE and BROWN)  
1923, xxxviii, 347  
—, —. Pt. 2 (PEARCE and  
BROWN)  
1923, xxxviii, 367  
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**Methemoglobin:**

Blood, fate (STADIE)  
1921, xxxiii, 627  
—, formation (STADIE)  
1921, xxxiii, 627  
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filtrates of pneumococcus  
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1924, xl, 269  
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1916, xxiv, 315

**Method:**

Gaertner, blood pressure stud-  
ied by (COHN and LUNDS-  
GAARD)  
1918, xxvii, 487  
Intravenous injection of guinea  
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1918, xxvii, 459  
Petroff, cultural, for isolation  
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sputum applied to milk  
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Petroff, for cultivation of *Bacil-  
lus tuberculosis* from sputum  
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1915, xxii, 612  
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1916, xxiv, 41  
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1920, xxxii, 351

**Methylene blue:**

Reduction by sterile extracts  
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Species, dissociation. I  
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1921, xxxiii, 773  
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— — — susceptibility in para-  
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— — — susceptibility in para-  
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— — — susceptibility in para-  
typhoid-enteritidis infection.  
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ETT)  
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**Micrococcus:**

*florens* (DAVISON, DAVISON,  
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Udder infection (JONES)

1918, xxviii, 721

**Microorganism:**

Ethyl dihydrocupreine, action  
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1915, xxii, 269

Lungs of normal animals,  
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1922, xxxvi, 317

Pathogenic, protection (ROUS  
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1916, xxiii, 601

Poliomyelitic tissues, survival  
(FLEXNER, NOGUCHI, and  
AMOSS)

1915, xxi, 91

— —, virulence (FLEXNER,  
NOGUCHI, and AMOSS)

1915, xxi, 91

Rat-bite fever, flagellum  
(ADACHI)

1921, xxxiii, 647

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1918, xxviii, 721

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Agglutinins, source (SMITH, OR-  
CUTT, and LITTLE)

1923, xxxvii, 153

Feeding, influence on growth  
(RETTGER)

1915, xxi, 365

—, — — intestinal flora  
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1915, xxi, 365

—, — — mortality (RETTGER)

1915, xxi, 365

Market, significance of strep-  
tococci (JONES)

1920, xxxi, 347

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(JONES)

1920, xxxi, 347

Petroff, cultural method for  
isolation of tubercle bacilli  
applied to (STEWART)

1917, xxvi, 755

**Milk—continued.**

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1921, xxxiii, 13

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Bacteria and, differences  
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1922, xxxvi, 521

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1918, xxvii, 31

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1924, xxxix, 63

**Mononuclear:**

Leucocytes, large, pure cultures  
(CARREL and EBELING)

1922, xxxvi, 365

**Morgan bacillus:**

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**Morphine:**

Hyperglycemia in pancreatic  
deficiency (AUER and  
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1918, xxvii, 49

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phine series (SCHMIDT and  
HARER)

1923, xxxvii, 47

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omy (SCOTT)

1923, xxxviii, 543

**Morphology:**

*Bacterium pneumosintes* (OLIT-  
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1922, xxxv, 813

*Leptospira icteroides* (NOGUCHI)

1919, xxx, 13

— (*Spirochata*) *icterohemor-  
rhagiae* (NOGUCHI)

1918, xxvii, 575

Spirilla associated with disease  
of fetal membranes in cattle  
(SMITH and TAYLOR)

1919, xxx, 299

Tissue, changes caused by re-  
duced oxidation (MARTIN,  
LOEVENHART, and BUNTING)

1918, xxvii, 399

*Vibrio fetus* associated with  
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     *Spirochæta*. II (FUTAKI, TAKAKI, TANIGUCHI, and OSUMI) 1917, xxv, 33
- Mortality:**  
     Milk feeding, influence of, on (RETTGER) 1915, xxi, 365
- Mosquito:**  
     Malaria parasites in, effect of cold on (KING) 1917, xxv, 495  
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     Borders, syphilitic affections (BROWN and PEARCE) 1920, xxxii, 497
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     Epithelium of small intestine, influence of destruction by x-rays on bacterial invasion of blood stream (WARREN and WHIPPLE) 1923, xxxviii, 713
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**Myeloblast—continued.**

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(SABIN, AUSTRIAN, CUN-  
NINGHAM, and DOAN)  
1924, xl, 845

**Myelocyte:**

Maturation from myeloblasts  
in peripheral blood in sub-  
acute myeloblastic leucemia  
(SABIN, AUSTRIAN, CUN-  
NINGHAM, and DOAN)  
1924, xl, 845

**Myocarditis:**

Interstitial, spontaneous, in  
rabbits (MILLER)  
1924, xl, 543

**Myocardium:**

Necrosis, influence of thyroid  
products on production  
(GOODPASTURE)  
1921, xxxiv, 407

Rheumatic fever, electrocardio-  
graphic evidence of involve-  
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**N****Nanukayami:**

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**Narcotic:**

Liver function, influence on, of  
(WHIPPLE and SPEED)  
1915, xxi, 203

**Nasopharynx:**

Chilling of body surface, reac-  
tion. I (MUDD, GOLDMAN,  
and GRANT)  
1921, xxxiv, 11

Lymphoid structures, hyper-  
trophied, effect of x-rays  
(MURPHY, WITHERBEE,  
CRAIG, HUSSEY, and STURM)  
1921, xxxiii, 815

Poliomyelitic virus, persistence  
(FLEXNER and AMOSS)  
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Secretions from common colds  
(OLITSKY and MCCARTNEY)  
1923, xxxviii, 427

— — human measles, filtered,  
syndrome after intratracheal  
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(OLITSKY and GATES)

1921, xxxiii, 125

— — — —. II (OLITSKY and  
GATES)

1921, xxxiii, 361

— — — —. III (OLITSKY  
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— — — —. IV (OLITSKY  
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and GATES)

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— — — —. VI (OLITSKY  
and GATES)

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— — — —. VIII (OLITSKY  
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1921, xxxiii, 125

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Kidney poisons, influence of diet. I (OPIE and ALFORD)

1915, xxi, 1

— — — of diet. II (OPIE and ALFORD)

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1915, xxi, 1

— — — of diet. II (OPIE and ALFORD)

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Myocardium, influence of thyroid products on production (GOODPASTURE)

1921, xxxiv, 407

Tissue, necrotic, behavior of chloramine-T solutions in contact with (AUSTIN and TAYLOR)

1918, xxvii, 627

— — — hypochlorite solutions in contact with (AUSTIN and TAYLOR)

1918, xxvii, 627

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1922, xxxv, 599

**Neoarsphenamine:**

Syphilis, superinfection following subcurative doses (BROWN and PEARCE)

1921, xxxiii, 553

**Nephritis:**

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1918, xxvii, 413

*Bacillus coli* producing (BAILEY)

1916, xxiii, 773

**Nephritis—continued.**

Chloroform, influence of diet (OPIE and ALFORD)

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Fat metabolism (HILLER, LINDER, LUNDGAARD, and VAN SLYKE)

1924, xxxix, 931

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1924, xxxix, 921

— — — concentration (LINDER, LUNDGAARD, and VAN SLYKE)

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Peripheral, biology, in trans-  
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blood (DRINKER, DRINKER,  
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1918, xxvii, 249

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on rate of liberation of epi-  
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Vagus, influence on auricles  
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1916, xxiv, 605

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ular fibrillation (ROBINSON)

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Autonomic, effect of toxin  
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1923, xxxvii, 711

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1924, xxxix, 827

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*Clostridium botulinum* (DICK-  
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Metabolism after transplanta-  
tion of ureter into duodenum  
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1918, xxvii, 449

Non-coagulable, of blood  
(COOKE, RODENBAUGH, and  
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1916, xxiii, 717

Non-protein, of blood, increase,  
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—, — —, increase, in acute in-  
toxications (COOKE and  
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1918, xxviii, 243

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1918, xxviii, 213

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acute nephritis (GOTO)

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*Leptospira (Spirochæta) ictero-hæmorrhagiæ* (NOGUCHI)  
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1921, xxxiv, 11

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1924, xxxix, 857

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Poliomyelitis, nasal route of infection (FLEXNER and AMOSS)  
1920, xxxi, 123

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Erythrocyte, nucleated, in peripheral blood. I (DRINKER, DRINKER, and KREUTZMANN)  
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—, metabolism with (WHIPPLE, COOKE, and STEARNS)  
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—, influence on renal function.

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